Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY									
PATENT APPLICATION									
TRANSMITTAL									

First Inventor Craig A. Rosen

PATENT APPLICATION TRANSMITTAL	Title	125 HUMAN SECRETED PROTEINS							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	ss Mail Label No.							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. X Specification [Total Pages 65] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention	3]	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. X Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. X Paper (240 pages) c. X Statements verifying identity of above copies							
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Clairn(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets]	3]1	ACCOMPANYING APPLICATIONS PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attornev 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. X Return Receipt and Serial Number Postcards (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:							
5. Oath or Declaration [Total Sheets 2] a. Newly executed (original or copy) b. X Copy from a prior application (37 CFR 1.63(d)) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76	<u>4</u>]								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: X Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/974,879									
19. CC	RRESP	ONDENCE ADDRESS							
X Customer Number or Bar Code Label		or Correspondence address below 22195							
Name									
Address									
City Sta	te	Zip Code							
Country Tel	ephone	. Fax							
Name (Print/Type) Mark J. Hyman		Registration No. (Attorney/Agent) 46,789\							
Signature M /		Date July 18, 2003							

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	io a coi	Complete if Known								
FEE TRANSMITTAL		Application Number				Not Yet Assigned				
for FY 2003		Filing Date				Concurrently Herewith				
Effective 01/01/2003, Patent fees are subject to annual revision.		First Named Inventor				Craig A. Rosen				
		Examiner Name				Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27		Art U	nit			N/A				
TOTAL AMOUNT OF PAYMENT (\$) 888.00			iey Do	cket N	o.	PZ020P2C1				
METHOD OF PAYMENT (check all that apply)		FEE CALO				JLATION (continued)				
Check Credit Money Order Other None	3. 4	3. ADDITIONAL FEES								
X Deposit Account	Laro	e Entity	Small	Entity						
Deposit Account 08-3425	Fee	Fee	Fee	Fee	-	Fee Des	cription			
Number Deposit	Code	(\$)	Code	(\$)		1 66 068	Cription	Fee Paid		
Account Name Human Genome Sciences, Inc.	1051	130	2051	65	Surcharge	- late filing fe	ee or oath			
The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	- late provisi	onal filing fee or cover			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		sh specification	on			
X Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2.520	For filing a	request for <i>ex</i>	parte reexamination			
application	1804	920*	1804	920*	Requesting	g publication	of SIR prior to			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					Examiner a	action g publication	of SIR after			
FEE CALCULATION	1805	1,840*	1805		Examiner a	action				
1. BASIC FILING FEE	1251 1252	110 410	2251 2252	55 205		for reply withi	n first month n second month			
Large Entity Small Entity	1253	930	2253	465			n third month			
Fee Fee Fee Fee Fee Peid Code (\$) Code (\$)	1254	1,450	2254	725			n fourth month			
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985		for reply withi				
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of A	• •				
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal					
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1403	280	2403	140	Request for oral hearing					
,	1451 1,510 1451 1,510 Petition to institute a public use procee 1452 110 2452 55 Petition to revive – unavoidable									
SUBTOTAL (1) (\$) 750.00	1453	1,300	2453	650	Petition to revive - unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)					
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issu	ue fee				
Total Claims 23 -20** = 3 x 18.00 = 54.00	1503	630	2503	315	Plant issue	fee				
Independent 4 -3** = 1 x 84.00 = 84.00	1460	130	1460	130	Petitions to	the Commis	sioner			
Multiple Dependent	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180			on Disclosure Stmt			
Fee Fee Code (\$) Fee Description	8021	40	8021	40			ssignment per			
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	property (times number of properties) Filing a submission after final rejection					
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810	0 750 2810 375 For each additional invention to be								
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	examined (37CFR 1.129(b))					
over original patent	1802	900	1802	900	Request for	quest for Continued Examination (RCE) quest for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		ee (spec		500	of a design	design application				
SUBTOTAL (2) (\$) 138.00			٠	ina Foo	Paid	QI IDTO	TAL (3) (e)			
**or number previously paid, if greater, For Reissues, see above	nedu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00								
SUBMITTED BY						Complete (if applicable)	==		
Name (Print/Type) Mark J. Hyman		ation No y/Agent)	46.	789	-		(240) 314-1224			
Signature / A A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(Autome	-y-ngent)				Date	July 18, 2003			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Docket No.: PZ020P2C1

Rosen et al.

Application No.: Not Yet Assigned

Group Art Unit: N/A

Filed: Concurrently Herewith

Examiner: Not Yet Assigned

For: 125 HUMAN SECRETED PROTEINS

STATEMENT UNDER 37 C.F.R. § 1.821(f)

BOX SEQUENCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.821(f), the undersigned hereby certifies that the sequence listing information recorded in computer readable form and submitted herewith is identical to the written (on paper) Sequence Listing submitted herewith.

Respectfully submitted,

Dated: July 18, 2003

Mark J. H∜man

Registration No.: 46,789

HUMAN GENOME SCIENCES, INC.

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